

1 **Claims**

2 1. A recliner comprising a seat, a backrest pivotally installed on the seat
3 between a high position and a low position, a stool movably installed
4 on the seat between a withdrawn position and an extended position, a
5 first mechanism for two-way pivotal of the backrest and one-way
6 movement of the stool and a second mechanism for two-way pivotal
7 of the stool.

8 2. The recliner according to claim 1 wherein the seat includes a frame.

9 3. The recliner according to claim 2 wherein the backrest includes two
10 levers rotationally installed on the frame and connected with the first
11 mechanism, and the stool includes two linkages pivotally installed on
12 the frame and connected with the first and second mechanisms.

13 4. The recliner according to claim 3 wherein the telescopic element is a
14 hydraulic cylinder.

15 5. The recliner according to claim 3 wherein the first mechanism
16 includes a handle pivotally installed on the frame, a linkage connected
17 between the handle and one of the levers and a telescopic element
18 connected between the linkage thereof and one of the linkages of the
19 stool.

20 6. The recliner according to claim 5 wherein the linkage of the first
21 mechanism includes a first link non-rotationally connected with the
22 handle and connected with the telescopic element and a second link
23 connected between the first link and one of the levers.

24 7. The recliner according to claim 3 wherein the first mechanism
25 includes a crossbar rotationally installed on the frame, a handle
26 secured to the crossbar, two linkages each connected between the

1 crossbar and corresponding one of the levers and a telescopic element
2 connected between one of the linkages thereof and one of the linkages
3 of the stool.

4 8. The recliner according to claim 7 wherein each of the linkages of the
5 first mechanism includes a first link secured to the crossbar and
6 linked to the telescopic element and a second link connected between
7 the first the first link and corresponding one of the levers.

8 9. The recliner according to claim 3 wherein the second mechanism
9 includes a handle pivotally installed on the frame and a linkage
10 connected between the handle and one of the linkages of the stool.

11 10. The recliner according to claim 9 wherein the linkage of the second
12 mechanism includes a first link non-rotationally connected with the
13 handle and a second link connected between the first link and
14 corresponding one of the linkages of the stool.

15 11. The recliner according to claim 3 wherein the second mechanism
16 includes a crossbar rotationally installed on the frame, a handle
17 secured to the crossbar and two linkages connected between the
18 crossbar and one of the linkages of the stool.

19 12. The recliner according to claim 13 wherein each of the linkages of the
20 second mechanism includes a first link secured to the crossbar of the
21 second mechanism and a second link connected between the first link
22 and corresponding one of the linkages of the stool.

23 13. The recliner according to claim 3 wherein the backrest includes a
24 crossbar rotationally installed on the frame, and the levers are secured
25 to the crossbar.

26 14. The recliner according to claim 3 wherein the stool includes a

1 crossbar rotationally installed on the frame, and each of the linkages
2 includes a first link secured to the crossbar of the stool.

3 15. The recliner according to claim 14 wherein each of the linkages of the
4 stool includes a second link pivotally connected with the first link, a
5 third link pivotally connected with the frame and a fourth link
6 pivotally connected with the third link and a bracket pivotally
7 connected with both of the third link and the fourth link.

8 16. The recliner according to claim 15 wherein each of the linkages of the
9 stool includes a bracket pivotally connected with both of the third link
10 and the fourth link for carrying a stool plate.

11 17. The recliner according to claim 16 wherein the stool further includes
12 a spring connected between the crossbar thereof and the frame.

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